

M. Rao

RE-RUN



#16

1600

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/595,526C

DATE: 03/04/2003

TIME: 14:51:35

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 3 Oram, John F.  
 4 Garvin, Michael  
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 6 Efflux and Raising HDL using ATP Binding Cassette  
 7 Transporter Protein ABC1  
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222      100 105 110
223      Leu Leu Tyr Ser Gln Lys Asp Thr Ser Met Lys Asp Met Arg Lys Val
224      115 120 125
225      Leu Arg Thr Leu Gln Gln Ile Lys Lys Ser Ser Ser Asn Leu Lys Leu
226      130 135 140
227      Gln Asp Phe Leu Val Asp Asn Glu Thr Phe Ser Gly Phe Leu Tyr His
228      145 150 155 160
229      Asn Leu Ser Leu Pro Lys Ser Thr Val Asp Lys Met Leu Arg Ala Asp
230      165 170 175
231      Val Ile Leu His Lys Val Phe Leu Gln Gly Tyr Gln Leu His Leu Thr
232      180 185 190
233      Ser Leu Cys Asn Gly Ser Lys Ser Glu Glu Met Ile Gln Leu Gly Asp
234      195 200 205
235      Gln Glu Val Ser Glu Leu Cys Gly Leu Pro Lys Glu Lys Leu Ala Ala
236      210 215 220
237      Ala Glu Arg Val Leu Arg Ser Asn Met Asp Ile Leu Lys Pro Ile Leu
238      225 230 235 240
239      Arg Thr Leu Asn Ser Thr Ser Pro Phe Pro Ser Lys Glu Leu Ala Glu
240      245 250 255
241      Ala Thr Lys Thr Leu Leu His Ser Leu Gly Thr Leu Ala Gln Glu Leu

```

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/595,526C

DATE: 03/04/2003  
TIME: 14:51:36

Input Set : N:\vernette\US09595526C.raw  
Output Set: N:\CRF4\03042003\I595526C.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 9881,9884,9999,10046  
Seq#:4; N Pos. 8,19,69,80,104,142,175,191,220  
Seq#:6; N Pos. 2805,2808,2923,2970  
Seq#:7; N Pos. 9913,9916,10031,10078  
Seq#:9; N Pos. 9913,9916,10031,10078  
Seq#:59; N Pos. 3,10

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:59,60,61,62

## VERIFICATION SUMMARY

DATE: 03/04/2003

PATENT APPLICATION: US/09/595,526C

TIME: 14:51:36

Input Set : N:\vernette\US09595526C.raw

Output Set: N:\CRF4\03042003\I595526C.raw

L:9 M:270 C: Current Application Number differs, Wrong Format  
L:192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:9840  
M:341 Repeated in SeqNo=1  
L:537 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
M:341 Repeated in SeqNo=4  
L:646 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:2760  
M:341 Repeated in SeqNo=6  
L:832 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:9900  
M:341 Repeated in SeqNo=7  
L:1307 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:9900  
M:341 Repeated in SeqNo=9  
L:2107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:0